

109. *Holland's Manufactures in Metal*,—[3 vols. Fcp. 8vo. English Edition.] A treatise on the manufacture in metal. Contributed to the "Cabinet Cyclopaedia." By John Holland, Esq. In three volumes, foolscap. 8vo., cloth, pp. *lc.* Price \$2.10.
110. *Morfit's Tanning and Currying*,—[8vo. American Edition.] The arts of tanning, currying, and leather-dressing; theoretically and practically considered in all their details. Edited from the French of J. de Fontenelle, and F. Malceyre. With numerous emendations and additions. By Campbell Morfit. Illustrated by two hundred wood engravings. 8vo., cloth, pp. 547. *hcb.* Price \$4.00.
111. *Murphy's Art of Weaving*,—[8vo. English Edition.] A Treatise on the art of weaving. Illustrated by nearly two hundred and sixty figures, with warp, waft, and yarn tables, for the use of manufacturers. By John Murphy. In one volume, 8vo., cloth, pp.—*ls.* Price \$3.20.
112. *Scott's Cotton Spinner*,—[8vo. American Edition.] The practical cotton spinner, and manufacturer: the managers, overlookers, and mechanic's companion. A comprehensive system of calculations of mill gearing and machinery, from the primary moving power, through the different processes of carding, drawing, slubbing, roving, spinning and weaving, with the recent improvements in machinery. To which are added compendious tables of yarns and reeds for silk, linen, worsted and wooly. R. Scott. Corrected and enlarged with plates of American machines. By Oliver Byrne, C. & M. E. 8vo., cloth, pp. 577. *hcb.* Price \$2.50.
113. *Porter's Manufacture of Silk*,—[Fcp. 8vo. English Edition.] A treatise on the manufacture of silk. Contributed to the "Cabinet Cyclopaedia." By G. R. Porter, Esq., F.R.S. Foolscap. 8vo., cloth, pp.—*lc.* Price 70 cts.
114. *Porter's Porcelain and Glass*,—[Fcp. 8vo. English Edition.] A treatise on the manufactures of porcelain and glass. Contributed to the "Cabinet Cyclopaedia." By G. R. Porter, Esq., F.R.S. Foolscap. 8vo., cloth, pp.—*lc.* Price 70 cts.
115. *Smith's Dyer's Instructor*,—[12mo. American Edition.] Comprising practical instructions in the art of dyeing silk, cotton, wool, and worsted, and woollen goods, as single and two-colored damasks, moreens, camlets, lastings, shot colourings, silk striped orleans, plain orleans from white and colored warps, merinos, woollens, yams, &c. Containing nearly eight hundred receipts. To which is added a treatise on the art of Padding; and the printing of silk warps, skeins, and handkerchiefs, and the various mordants and colors for the different styles of such work. By David Smith. 12mo. pp. 338. *hcb.* Price \$1.20.
116. *Napier's Manual of Dyeing*,—[12mo. English Edition.] A manual of the art of dyeing. By James Napier, F.C.S. Illustrated by engravings. With glossary and index. 12mo., cloth, pp. 16, 405 + 421. *rgc.* Price \$1.50.
117. *Napier's Chemistry of Dyeing*,—12mo. Am. Edi.] Chemistry applied to dyeing. By James Napier, F.R.S. Illustrated by engravings. With glossary and index. 12mo., cloth pp. 429. *hcb.* Price \$1.20.

MISCELLANEOUS.

118. IN SIX VOLS. PRICE FOR THE SIX \$4.20.

(16mo., series. Scarlet cloth.)

- [1] *Baker's Elements of Mechanism*,—[16mo. Eng. Edi.] elucidating the scientific principles of the practical construction of machines. For the use of schools and students in mechanical engineering. With numerous specimens of modern machines, remarkable for their utility and ingenuity. By T. Baker, C. E. Illustrated by two hundred and forty-three engravings. 16mo., cloth, pp. 225 + 245. *jw. ah.* Price 75 cts.
- [2] *Overman's Manufacture of Steel*,—[16mo. Am. Edi.] Containing the practice and principles of working and making steel. A handbook for blacksmiths, and workers in steel and iron, wagon-makers, die-sinkers, cutlers and manufacturers of files and hardware, of steel and iron, and for men of science and art. By Frederick Overman. 16mo., cloth, pp. 226. *ah. to mb.* Price 54 cts.
- [3] *Larkin's Brass Founder's Guide* [16mo, Am. Edi.]—The Practical Brass and Iron Founder's Guide: a concise treatise on the art of brass founding, moulding, &c. With numerous practical rules, tables, and receipts for gold, silver, tin, and copper founding; plumbers, bronze, and bell founders, jewellers, &c., &c. By James Larkin, 16mo, cloth, pp. 201, *ah. to pmm.* Price 75 cts.
- [4] *Overman's Moulder's and Founder's Guide* [16mo, Am. Edi.]—A treatise on moulding and founding in green-sand, dry-sand, loam, and cement; the moulding of machine frames, mill-gear, hollow-ware, ornaments, trinkets, bells, and statues; description of mould for iron, bronze, brass, and other metals; plaster of Paris, sulphur, wax, and other articles commonly used in casting; the construction of melting furnaces, the melting and founding of metals; the composition of alloys and their nature. With an appendix containing receipts for alloys, bronze, varnishes, and colours for castings, also tables on the strength and other qualities of cast metals. By Frederick Overman. With forty-two wood engravings. 16mo, cloth, pp. 252. *ah. to mb.* Price 68 cts.
- [5] *Cotton Spinner and Carder* [12mo. Am. Edi.]—The American Cotton Spinner and Manager and Carders, Complete Guide. 12mo, cloth, pp. *ah. to psc.* Price 75 cts.

- [6] *Croucher & Le Gray's Daguerreotype, etc.* [16mo, Am. Edi.]—Plain Directions for obtaining Photographic Pictures by the Calotype and Energatype, also upon Albumenized Paper and Glass, by collodion and albumen, etc. Including a practical treatise on photography, with a supplement containing the heliome process. Also practical hints on the daguerreotype; being simple directions for obtaining portraits, views, copies of engravings, drawings, sketches of machinery, &c., by the daguerreotype process; including the latest improvements in fixing, colouring and engraving the pictures. With a description of the apparatus. By J. H. Croucher and Gustave le Gray. Two parts in one volume. Illustrated with engravings 16mo, cloth. pp. 224, *ah.* Price 75 cts.

BAIRD'S PRACTICAL SERIES.

119. IN TWELVE VOLS. PRICE FOR THE TWELVE \$7.75.

(16mo., series. Black Cloth.)

- [1] *Colburn's Locomotive Engine* [16mo, Am. Edi.]—Including a description of its structure, rules for estimating its capabilities and practical observations on its construction and management. By Zerah Colburn, with illustrations, 16mo, cloth, pp. 187. *hcb.* Price 60 cts.
- [2] *Templeton's Steam Engine* [16mo, Am. Edi.]—The Practical Examiner on Steam and the Steam Engine; with instructive reference relative thereto, arranged for the use of engineers, students, and others. By William Templeton, Engineer. 16mo, cloth, pp. 143. *hcb.* Price 60 cts.
- [3] *Kentish on Box of Instruments* [16mo, Am. Edi.]—A Treatise on a Box of Instruments and the Sliderule. For the use of gaugers, engineers, seamen, and students. By Thomas Kentish. With a plate and numerous figures. 16mo, cloth, pp. 228. *hcb.* Price 80 cts.
- [4] *Hughes' American Miller* [16mo, Am. Edi.]—The American Miller and Millwright's Assistant. By William Carter Hughes. With numerous illustrations. 16mo, cloth, pp. 223. *hcb.* Price 80 cts.
- [5] *Smeaton's Builders' Companion* [16mo, Am. Edi.]—The Builder's Companion; containing the elements of building, surveying, and architecture. With practical rules and instructions connected with the subject. By A. C. Smeaton, C. E., &c. With illustrative figures. 16mo, cloth, pp. 273. *hcb.* Price 80 cts.
- [6] *Stokes' Cabinet Makers' Companion* [16mo, Am. Edi.]—The Cabinet and Upholsterer's Companion: comprising the rudiments and principles of cabinet making and upholstery; with familiar instructions, illustrated by examples, for attaining a proficiency in the Art of Drawing, as applicable to Cabinet Work: the processes of veneering, inlaying, and burlwork; the art of dyeing and staining wood, ivory, bone, tortoise shell, &c. Directions for lacquering, japanning, and varnishing; to make French polish; to prepare the best glues, cements, and compositons; and a number of receipts, particularly useful to workmen generally. With explanatory and illustrative engravings. By J. Stokes. 18mo, cloth, pp. 167. *hcb.* Price 60 cts.
- [7] *The Turner's Companion* (16mo, Am. Edi.)—Containing instructions in concentric, elliptic, and eccentric turning; and various plates of chucks, tools, and instruments; and directions for using the eccentric cutter, drill, vertical cutter and circular rest. With patterns and instructions for working them. Illustrated by fourteen folding plates engraved on steel. 16mo, cloth, pp. 135. *hcb.* Price 60 cts.
- [8] *Painter, Gilder, and Varnisher's Companion*,—[16mo. Am. Edi.] Containing rules and regulations in everything relating to the arts of painting, gilding, varnishing and glass-staining; numerous useful, and valuable receipts; tests for the detection of adulterations in oils, colours, &c., and a statement of the diseases and accidents to which painters, gilders, and varnishers are peculiarly liable; with the simplest and best methods of prevention and remedy. With illustrations. 16mo., cloth, pp. 189. *hcb.* Price 60 cts.
- [9] *Arrowsmith's Paper Hanger's Companion*,—[16mo. Am. Edi.] A treatise on paper-hanging; in which the practical operations of the trade are systematically laid down: with copious directions preparatory to papering; preventions against the effect of damp on walls; the various cements and pastes adapted to the several purposes of the trade; observations on the panelling and ornamenting of rooms, &c. By James Arrowsmith 16mo., cloth, pp. 108. *hcb.* Price 60 cts.
- [10] *Dyer and Colour-Maker's Companion*,—[16mo. Am. Edi.] Containing upwards of two hundred receipts for making colours on the most improved principles, for all the various styles and fabrics now in existence; Together with the scouring process, and plain directions for preparing, washing off and finishing the goods. 18mo., cloth, pp. 104. *hcb.* Price 60 cts.
- [11] *Walker's Electrotpe Manipulation*,—[16mo. Am. Edi.] Being the theory and plain instructions in the art of working tin metals, by precipitating them from their solution, through the agency of galvanic or voltaic electricity; also in the arts of electro-plating, electro-gilding, and electro-etching; with an account of the mode of depositing metallic oxides, and of the several applications of electrotpe in the arts. By Charles V. Walker. Illustrated by wood-cuts. 18mo., cloth, pp. 70. *hcb.* Price 60 cts.
- [12] *Mortimer's Pyrotechnist's Companion*,—Or a familiar system of recreative fire-works. With a section on the importance and uses of rockets. By G. W. Mortimer. With engravings. 16mo., cloth, pp. 168. *hcb.* Price 60 cts.